

a second optical element for directing a second portion of said incident light beam in a predetermined second direction,

wherein

said second direction is different than said first direction,

said second optical element is adjacent said first optical element,

said first optical element is of a first shape, said second optical element is of a second shape, said first shape is different from said second shape, said first and second shapes being microwedges, and

said first optical element and said second optical element have non-textured and substantially planar output surfaces and are formed by shaping a same substrate.

9. An optical system, comprising:

a light source for providing a light beam; and

an optical device for homogenizing said beam, said optical device including an irregularly shaped exterior output surface further comprising,

adjacent optical elements for forming respective non-adjacent portions of an angular pattern,

wherein said optical elements are microwedges formed by shaping a same substrate
and have non-textured and substantially planar output surfaces and different three-
dimensional configurations.

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Amend